

[54] **VENEER SUPPORTED ORTHODONTIC APPLIANCE**

[76] Inventor: **Frank R. Faunce**, 1307 Wilcrest Drive - Apt. 237, Houston, Tex. 77042

[22] Filed: **June 28, 1974**

[21] Appl. No.: **493,973**

[52] U.S. Cl. 32/14 A

[51] Int. Cl.² A61C 7/00

[58] Field of Search 32/14 A

[56] **References Cited**

UNITED STATES PATENTS

3,345,745	10/1967	Muller	32/14 A
3,464,114	9/1969	Brader	32/14 A
3,638,312	2/1972	Szware	32/14 A
3,765,091	10/1973	Northcutt	32/14 A

Primary Examiner—Robert Peshock

[57] **ABSTRACT**

An orthodontic appliance according to the present invention may incorporate a thin veneer body of non-metallic material that may be flexible so as to conform readily to the external configuration of a patient's tooth and which veneer body may be bonded directly to the enamel of the tooth in any desirable manner. An orthodontic appliance which may be composed of metal may be permanently embedded within the thin veneer body and may protrude from the veneer body to enable other orthodontic devices to be attached thereto. Marginal leakage between the veneer body and the enamel surface of the tooth is effectively prevented by the use of a dental sealer material.

13 Claims, 10 Drawing Figures

